

BULLETIN

OF THE

ESSEX INSTITUTE.

VOL. 4. SALEM, MASS., NOVEMBER, 1872. No. 11.

One Dollar a Year in Advance. 10 Cents a Single Copy.

DR. PACKARD gave the following account of recent

EXPLORATIONS OF ST. GEORGE'S BANK.

During the past summer Prof. S. F. Baird, the U. S. Fish Commissioner, with the assistance of Prof. Verrill, fitted up an expedition to explore St. George's Banks with the dredge, for the sake of ascertaining the nature and quantity of the animals living upon and about these shoals, to which our Cape Ann fishermen annually resort for cod and halibut. Prof. Peirce, the Superintendent of the Coast Survey, who had detailed the steamer "Bache," Commander Howell, to make soundings on and about the bank, generously made accommodations aboard the steamer for the dredging party; and two naturalists, Messrs. S. I. Smith and O. Harger, assistants in the Yale College Museum, spent a portion of September aboard, and made several hauls with the dredge on the bank in about twenty fathoms, and again on the eastern edge of the bank in sixty-five fathoms, while

the most interesting results were obtained farther east towards the Gulf Stream at a depth of four hundred, and four hundred and thirty fathoms. At this depth the dredge brought up about forty species of invertebrate animals, among them *Schizaster fragilis*,* an arctic European sea urchin, *Eupyrigus scaber*, an arctic holothurian, and numerous worms, together with *Pecten pustulosus* Verr., not before found on our coast. On the sandy bottom of the top of the bank the large *Pecten tenuicostatus* was abundant.

The season being late, they were obliged to relinquish the work for their duties at New Haven, and Messrs. Packard and Cooke, of the Peabody Academy at Salem, on the 11th of October, ran out from Boston in the Bache, and were able to make one day's dredging on the northeast end of the bank, in forty and forty-five fathoms, on the sandy and gravelly bottom near the crown of the bank, at or near the fishing grounds for cod and halibut; and then at the bottom of the bank in eighty-five, one hundred and ten, and one hundred and fifty fathoms, respectively, on a sandy, muddy bottom. The first haul of the dredge, made in one hundred and ten fathoms, proved exceedingly rich, bringing up numerous shells and worms, though few crustacea, but several spatangoids (*Schizaster fragilis*) and several sea pens (*Pennatula aculeata*) which had been dredged for the first time on this coast by Mr. Whiteaves in the Gulf of St. Lawrence in one hundred and sixty fathoms. The hauls made in one hundred and fifty fathoms also revealed these forms, and a singular starfish (*Solaster furcifer*), and *Archaster arcticus*, an additional species of

*This and the other species mentioned were identified by Prof. A. E. Verrill, who is publishing a résumé of the results in the current numbers of the American Journal of Science and Arts.

sea pen (*Virgularia Lyngmanni*) and other interesting mollusks and worms; while two actiniæ, one an enormous *Cerianthus* (*C. borealis*), ten inches in length and inhabiting a tough, slimy tube, and the other, *Bolocera Tuediæ* were discovered, together with *Thyone scabra*, and a Norwegian shell, *Arca pectunculoides* and *Neæra arctica*, and several new species of mollusks and worms. The marine fauna of this bank seems to be much like that of the Bay of Fundy, the Gulf of St. Lawrence, the banks of Newfoundland, and, in a less degree, the coast of Labrador. The discovery of the *Pennatula*, *Schizaster* and *Arca pectunculoides* also makes its relations with that of Norway intimate, and suggests that the assemblage of life at this region is a continuation of the Norwegian and arctic European deep sea fauna, and that it represents a continuous stream of arctic life pervading the ocean at great depths wherever the water is of sufficiently low temperature, from the polar regions to Cuba and Florida. The great abundance of life about the bank seems to show that the food for our edible fishes is in this region almost inexhaustible.

After exploring this bank the Bache pushed on nearly a hundred miles farther east and with some difficulty, owing to an approaching gale from the southeast, obtained soundings in thirteen hundred fathoms. The sea rising made dredging impossible, and the steamer was obliged from rough weather to run into Provincetown, and the weather continuing boisterous, to the great disappointment of all, made any further attempts impracticable. Every possible facility was extended by Commander Howell and officers Jacques, Hagerman, Jacob and Rush, who personally superintended the dredging operations, which were carried on by night as well as by day, and to them the success of the explorations was largely due.

Mr. F. W. PUTNAM of Salem made the following communication on an

ANCIENT INDIAN CARVING.

By the kindness of Dr. Palmer of Ipswich, I am enabled to exhibit a very interesting carved stone, which was found by an elderly lady while hoeing potatoes in her garden located at Turkey Hill, Ipswich.

Turkey Hill, situated between two small streams, and not far from the centre of the town, is a collecting ground well known to our local archæologists from the large number of stone implements that have been found in its immediate vicinity, and is especially noted for the small arrowheads of white quartz and other stone that have been found there in considerable numbers. The discovery of the carved stone now exhibited will further identify the locality as one of interest to archæologists.

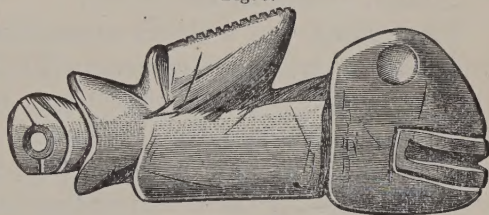
This stone was evidently carved with care for the purpose of being worn as an ornament, and was probably suspended from the neck. It is of a soft slate, easily cut with a sharp, hard stone. The markings left in various places by the carver, showing where his tool had slipped, indicate that no very delicate instrument had been used, while the several grooves, made to carry out the idea of the sculptor, indicate as plainly that the instrument by which they were made, had, what we should call, a rounded edge, like that of a dull hatchet, as the grooves were wider at the top than at the bottom, and the striae show that they were made by a sort of sawing motion, or a rubbing of the instrument backwards and forwards. In fact, the carver's tool might have been almost any stone implement, from an arrowhead to a skin scraper, or any hard piece of roughly chipped stone.

The figure on the opposite page represents the stone of natural size, its total length being two and a half inches.

It is of general uniform thickness, about one-fifth of an inch, except where the angles are slightly rounded off on the front of the head and on the abdominal outline, and the portion representing the forked tail, or caudal fin, which is rapidly and symmetrically thinned to its edges, as is the notched portion representing the dorsal fin.

The carving was evidently intended to represent a fish, with some peculiar ideas of the artist added and several important characters left out. The three longitudinal grooves in front represent the mouth and jaws, while the transverse groove at their termination gives a limit to the length of the jaw, and a very decided groove on the under side divides the under jaw into its right and left portions. The eyes are represented as slight depressions at the top of the head.

Fig. 5.



Natural size.

The head is separated from the abdominal portion by a decided groove, and the caudal fin is well represented by the forked portion, from the centre of which the rounded termination of the whole projects. In this part there is an irregularly made hole of a size large enough to allow a strong cord to pass through for the purpose of suspension. The portion of the sculpture rising in the place of a dorsal fin is in several ways a singular conception of the ancient carver. While holding the position of a dorsal fin, it points the wrong way, if we regard the portion looking so much like a shark's tooth as intended to represent the fin as a whole. It is very likely that the designer wished to show that the fin was not connected with the head and, as he was confined by the length of the

piece of stone, after making the head so much out of proportion, he was forced to cut under the anterior portion of the fin in order to express the fact. If we regard it in this light, the notches on the upper edge may be considered as indicating the fin rays; but the figure best shows the character of the sculpture, and persons interested can draw their own conclusions.

The symmetry of the whole carving is well carried out, both sides being alike, with the exception that the raised portion at the posterior part of what I have called the dorsal fin is a little more marked on the left side than on the right, and the edge on the same side is surrounded by a faint, irregularly drawn line.

The carving was, I think, unquestionably made by an Indian of the tribe once numerous in this vicinity and, as it was almost beyond a doubt cut by a stone tool of some kind, it must be considered as quite an ancient work of art, probably worn as a "medicine," and possibly indicated either the name of the wearer or that he was a noted fisherman.

Additions to the LIBRARY announced.

(Continued from page 152.)

By Donation.

OSGOOD, ALFRED, of Newburyport, Mass. History of Newburyport, by Mrs. E. Vale Smith, 1 vol. 8vo. Reports of the School Committee of Newburyport, 1841-1871, inc. 26 Nos.

PARSONS, C. W., of Providence, R. I. Hydrate of Chloral, by donor, 8vo pamph.

PATCH, CHAS., of Hamilton, Mass. Miscellaneous Almanacs, 54.

PERKINS BROS., of Sioux City, Iowa. Directory of Sioux City, 1871-2, 1 vol. 8vo.

PERKINS, GEO. A. The Spirit of Missions, 8 nos.

PERRY, W. S., of Geneva, N. Y. Journal of the General Convention of the Protestant Episcopal Church, 1868, 1871, 2 vols. 8vo. Vestry Songs, 1 vol. 12mo. Trinity Psalter, 1 vol. 12mo. Miscellaneous pamphlets, 310.

STONE, B. W. Directory of New York City, 1869, 1 vol. 8vo. First Annual Report of the Board of Commissioners of the Department of Public Parks, 1 vol. 8vo. Miscellaneous pamphlets, 8.

SUMNER, C., of U. S. S. Letter to the Colored Citizens, June 29, 1872, 8vo pamph.

TENNEY, RICHARD, of Georgetown, Mass. Catalogue of the Georgetown Peabody Library, 1 vol. 8vo. The Peabody Memorial Church in Georgetown, 1 vol. 8vo.

TOWNE, JOSEPH H. Mass. Register and Business Directories, 1852, 1853, 1854, 1855, 1858, 5 vols. 8vo. Condition of the Banks, 1857, 1858, 1860, 1861, 4 vols. 8vo. N. E. Mercantile Directory, 1849, 1 vol. 8vo. Comptroller's Report of the Currency, 1867, 1 vol. 8vo. Finance Reports, 1852-3, 1855-6, 2 vols. 8vo. Mass. State Record, 1851, 1 vol. 12mo. Blue Book, 1 vol. 12mo. Mass. Registers, 1830, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 17 vols. 16mo. Descriptive Register of Genuine Bank Notes, 1 vol. 4to. Hodge's American Bank Note, 2 vols. 4to. Miscellaneous pamphlets, 100.

U. S. PATENT OFFICE, of Washington, D. C. Official Gazette, July 23, Aug. 13, 20, 27, Sept. 3, 10, 17, 24, 1872.

WILLSON, E. B. Address by C. A. Bartol before the Essex Conference, Feb. 28, 1872. 8vo pamph.

WITHALL, ELIJAH, of Rochester, N. Y. Annual Catalogues of the University of Rochester, 1859-1872. 13 pamphlets.

YEOMANS, W. H., of Columbia, Conn. Mineral Resources of the U. S., 1867, 1 vol. 8vo. Report of the Conn. Board of Agriculture, 1871, 1 vol. 8vo. Reports of the Committee on the Conduct of the War, 1 vol. 8vo. Miscellaneous pamphlets, 28. Diplomatic Correspondence, 1865, 4 vols. 8vo.

By Exchange.

ACADÉMIE IMPÉRIALE DES SCIENCES BELLES-LETTRES ET ARTS IN BORDEAUX. Actes, 3e Série, 32e Année, 1870.

ACADEMY OF NATURAL SCIENCES OF PHILA., Proceedings of. Jan., Feb., Mch., Apr., 1872.

AMERICAN ACADEMY OF ARTS AND SCIENCES OF BOSTON. Proceedings of, pp. 137-296 of vol. viii. 1869-70.

AMERICAN ANTIQUARIAN SOCIETY AT WORCESTER, Proceedings of, Apr., 1872.

AMERICAN PHILOSOPHICAL SOCIETY OF PHIL., Proceedings of, Jan.-June, 1872. BIBLIOTHÈQUE UNIVERSELLE ET REVUE SUISSE. Archives des Sciences, Physiques et Naturelles, Juin, Juillet, Août. Nos. 174-6, 1872.

CROSSE ET FISCHER. Journal de Conchyliologie. 3e Série, Tome xii. No. II, 1872.

INSTITUT HISTORIQUE IN PARIS. L'Investigateur, 4e Série, Tome x, Liv. 426, 427, 1870.

KONGLIGA DANSKE VIDENSKABERNE SELSKAB IN KJÖBENHAVN. Oversigt, 1871. No II. 8vo pamph.

KONGLIGA VETENSKAPS-SOCIETEN IN UPSAL. Nova Acta. Vol. viii, Fasc. 1, 1871. 4to pamph. Bulletin Météorologique Mensuel, vol. i, Nos. 1-12, 1868-9. Vol. iii, Nos. 7-12, 1871.

LITERARY AND PHILOSOPHICAL SOCIETY OF LIVERPOOL, Proceedings of the. Vol. xxv, 1870-71. 1 vol. 8vo.

NATURWISSENSCHAFTLICHEN GESELLSCHAFT "ISIS" IN DRESDEN. Sitzungs-Berichte, Jan., Feb., März, 1872.

NATURWISSENSCHAFTEN VEREIN IN BREMEN. Abhandlungen, Bd. III, Heft 1, 1872.

NEW JERSEY HISTORICAL SOCIETY, Proceedings of. 2nd Series, vol. iii, No. 1, 1872.

PEABODY INSTITUTE, Peabody, Mass., Twentieth Annual Report of the Trustees of the. 8vo pamph., 1872.

PHYSIKALISCH-MEDICINISCHE GESELLSCHAFT IN WÜRZBURG. Verhandlungen, Neue Folge, Bd. II, 4 Heft, 1872.

RHODE ISLAND HISTORICAL SOCIETY, Proceedings of, 1872. 8vo pamph.

SOCIÉTÉ D'ACCLIMATION PARIS. Bulletin Mensuel. 2me Série, Tome ix, 1872. Nos. 2, 3, 4, 5. 4 pamphlets.

SOCIÉTÉ D'ANTHROPOLOGIE PARIS. Bulletins, Tome vi, 11e Série, 2e Fascicule, 1871. 8vo pamph.

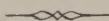
SOCIÉTÉ VANDOIZE DES SCIENCES NATURELLES OF LAUSANNE. Bulletin, vol. xi, Nos. 66-67. 2 pamphlets, 1871-2.

ST. GALLISCHE GESELLSCHAFT IN ST. GALLEN. Bericht, Vereinsjahres, 1870-1. VEREINS FÜR ERDKUNDE IN DARMSTADT. Notizblatt, Heft X, iii Folge. Nos. 109-121, 1871.

VERMONT STATE LIBRARY. Thirteenth and Fourteenth Registration Reports, 1869, 1870. 2 vols. 8vo. Catalogue of the Vermont State Library, Sept. 1, 1872. 1 vol. 8vo. Governor's Message of the State of Vermont, Oct., 1872. 8vo pamph.

WISCONSIN STATE HISTORICAL SOCIETY, Collections of, vol. vi, 1869-72, 1 vol. 8vo. ZOOLOGISCHE GESELLSCHAFT. Zoologische Garten, xiii Jahrg., nos. 1-6. Jan.-Juli, 1872.

PUBLISHERS. American Naturalist. Canadian Naturalist. Christian World. Francis's Catalogue. Gardener's Monthly. Gloucester Telegraph. Hardwicke's Science Gossip. Haverhill Gazette. Ipswich Chronicle. Land and Water. Lawrence American. Little Giant. Lynn Reporter. Lynn Transcript. Medical and Surgical Reporter. Nation. Nature. Peabody Press. Sailors' Magazine and Seamen's Friend. Salem Observer. Silliman's Journal. Western Lancet.



REGULAR MEETING, MONDAY, NOV. 4, 1872.

Meeting this evening at 7.30 o'clock. The PRESIDENT in the chair. Records of preceding meeting read.

The SECRETARY announced the following correspondence:—

From U. S. Dep't. of Interior, Washington, Oct. 28; Bergen, Norway, The Museum at, Sept. 22; Ipswich, Lyceum, Oct. 24; New York, Cooper Union, Oct. 23; Smithsonian Institution, Washington, Aug. 14; Boow, E. P., New York, Oct. 24, 31; Chever, D. A., Denver, Col. Ter., Oct. 28; Cleaveland, N., Westport, Conn., Oct. 31; Ellis, George E., Boston, Oct. 29, Nov. 2.

The LIBRARIAN reported the following additions:—

By Donation.

COOPER UNION, of New York. Report of the Metropolitan Board of Health, 1869, 1 vol. 8vo. Nineteenth Annual Report of the Prison Association of New York, 1864, 1 vol. 8vo. Tehuantepec Railway Company, 1869, 1 vol. 8vo. Annual Report of the Board of Education, 1859, 1 vol. 8vo. Report of the Board of Immigration of the State of Missouri, 1865-66, 1 vol. 8vo. Comptroller Report of City of New York, 1864, 1 vol. 8vo. Miscellaneous pamphlets, 11.

GILLIS, JAMES A. German Encyclopädie, 1 vol. 4to. Maps to Gibson's Report, 1 vol. 8vo. French Statistics, 1 vol. 8vo. National Magazine and Industrial Record, 1845, 1846, 2 vols. 8vo. Archivo Americano, 1 vol. 4to. Spurzheim's Outlines of Phrenology, 1 vol. 12mo. Spanish Teacher, 1 vol. 16mo. German Phrase Book, 1 vol. 12mo. Tariff, by James Campbell, 1 vol. 8vo. Revenue Book, by A. Jones, 1 vol. 8vo. Flügel's Dictionnaire, 1 vol. 8vo. Nature Displayed, 2 vols. 8vo. Patent Office Report, 1848, 1 vol. 8vo. Commerce and Navigation of the U. S., 1830-45, 8 vols. 8vo. Tobacco Statistics, 3 vols. 8vo. Obituary Addresses on the Death of Hon. W. R. King, 1 vol. 8vo. Tables showing the Trade of the United Kingdom with different Foreign Countries and British Possessions, 1834-41. Commercial Tariffs and Regulations, 5 pamphlets. Commercial and Financial Legislation of Europe and America, 2 vols. 8vo. The Daily Union, 27 nos. Tableau Général du Commerce de la Belgique, 2 vols. folio. The Southerner, 38 nos. Miscellaneous pamphlets, 179.

GREEN, S. A., of Boston. Miscellaneous pamphlets, 41.

KIMBALL, JAMES. Abstract of the Seventh Census, 1 vol. 8vo. I. O. of O. F., Digest of the Laws of the Order, 1 vol. 12mo. Miscellaneous pamphlets, 70.

LEE, JOHN C. Commercial Bulletin, Oct. 12, 19, 1872.

PATCH, G. W., of Marblehead, Mass. Manuals for the General Court, 1863, 1864, 1866, 3 vols. 16mo. Christian Union, 60 nos. Independent, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868. Our Dumb Animals, 12 nos. The Macedonian and Home Mission Record, 37 nos. American Missionary, 46 nos. Miscellaneous pamphlets, 90.

U. S. DEPARTMENT OF THE INTERIOR. House Miscellaneous, 2d Sess., 41st Cong., 1869-70, 5 vols. 8vo. 3d Sess., 41st Cong., 1870-71, 2 vols. 8vo. Foreign Relations of the U. S., 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Finance Report and Report of Comptroller of the Currency, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Report of the Department of Agriculture, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Reports of the Committee of the House of Reps., 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Senate Documents, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Senate Miscellaneous, 2d Sess., 41st Cong., 1869-70, 1 vol. 8vo. 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Senate Journal, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Senate Reports, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. House Journal, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Executive Documents, 3 Sess., 41st Cong., 1870-71, 5 vols. 8vo. Report of the Secretary of War, 3d Sess., 41st Cong., 1870-71, 2 vols. 8vo. Report of the Secretary of the Navy and Postmaster General, 3d Sess., 41st Cong., 1870-71, 1 vol. 8vo. Patent Office Report, 1870-71, 1 vol. 8vo. Report of the Secretary of the Interior, 3d Sess., 41st Cong., 1870-71, 2 vols. 8vo.

U. S. PATENT OFFICE. Official Gazette, Oct. 8, 1872.

By Exchange.

BOSTON PUBLIC LIBRARY. Bulletin for Oct., 1872. 8vo pamph.

IOWA STATE HISTORICAL SOCIETY. The Annals of Iowa, July, 1872. 8vo pamph.

NEW ENGLAND HISTORIC-GENEALOGICAL SOCIETY. Register and Antiquarian Journal, Oct., 1872. Vol. xxvi, No. IV. 8vo pamph.

NEW YORK GENEALOGICAL AND BIOGRAPHICAL SOCIETY, Record of. Oct., 1872. 8vo pamph.

PUBLISHERS. American Journal of Science and Arts. American Naturalist. Christian World. Gloucester Telegraph. Haverhill Gazette. Historical Magazine. Ipswich Chronicle. Land and Water. Lawrence American. Lynn Reporter. Lynn Transcript. Medical and Surgical Reporter. Nation. Nature. Peabody Press. Salem Observer.

THE ORIGIN OF SURNAMES.

A communication was read from GEORGE H. DEVEREUX of Salem on the origin of surnames. This subject is receiving considerable attention, especially since so many persons devote their time and leisure to genealogical and historical researches, and, from the records and papers on file in our various state, town, parish and other offices, have gleaned and published many facts that will tend to elucidate more fully the history of the past and delineate the character of the early pioneers and their immediate descendants in the settlement of this country.

The paper was an ably prepared document and commenced with a few brief remarks upon general language. It then proceeded to the special consideration of the names of persons and places, as now extant in the English language. We give the following condensed synopsis of this portion.

All names had, originally, a significance of their own, derived from some peculiarity of person, place or prominent circumstance. We have grown so familiar with them, as merely arbitrary designations, that we pay no heed to this special meaning, which no longer has, in most cases, any particular applicability; and we talk of a man called Lion or Hare, King or Straw, without a moment's thought of the idea once conveyed when the name was primarily given. The meaning of many biblical, classic, Saxon, Italian, French and other designations was then stated, as well as some of Puritanic and fanciful origin. In the earliest times no person had more than one name, as John, Peter, Albert, etc. But in process of time it was found necessary to distinguish individuals of the same designation, of whom there would soon be many in every neighborhood, by superadded descriptions.

These were what we call surnames and became, by transmission from father to son, family names. The various modes in which these originated and grew up were then systematically explained.

The most obvious would be from personal peculiarities. As, of two Johns in one neighborhood, one would soon become known as John the Long, and another as John the Short. Hence we get all the Shorts, Longs, Whites, Blacks, Browns, etc.

Next, children came to be particularized after their parents, as John, Robert's son, or John Robertson, James, William's son, or James Williamson, and so on. Again, men got names from their occupations, as John the Smith or soon simply John Smith, Hugh the Miller or Hugh Miller. So in other languages, as the Scotch synonymes of Baxter or Baker, Thaxter or Thacher, etc.

Then we find many getting titles from their residence. Noblemen, it is well known, are called from their estates. So through all ranks, as Peter of the Lane, Sam on the Hill, Jem of the Meadows, etc., and in this way grow up in time countless family appellatives, as Lanes, Hills, Meadows, Heaths, Dales, Downs, Forests, Brooks, Rivers and the like. Of this class, too, are Greenwood, Underwood, Redfield and many similar.

Parts of the human body and various objects of nature, plants, animals, even minerals, have by some singular association, hopeless now to trace, given special designations to individuals first, and then to families. For instance, Head, Leg, Foote, Blood, Ash, Birch, Root, Branch, Hedge, Straw, Peach, Pear, Thorn, Berry, Rice, Millet, Hare, Fox, Badger, Bull, Partridge, Sparrow, Bird, Drake, Fish, Pollock, Herring, etc., and Stone, Jasper, Marble, Jewell and many more of similar character.

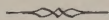
Very many of these names are, when we consider their actual signification, extraordinary and surprising, and we cannot but wonder how a man could ever come to be called a Wolf, a Hog, a Crane, a Gull, or by so curious a title as Moon, Salt, Doll, Pinchbeck and others quoted equally strange. These anomalies and eccentricities were analyzed and explained by references to heraldic bearings, jocose and familiar sobriquets or nicknames, corruptions, abbreviations, etc. A great many singular and striking instances were given, and elucidated by explanations yet available in history, social customs and records and derivations of various sorts, from which light may yet be thrown upon these apparent vagaries. A large number, seemingly utterly incomprehensible at first sight, were traced to their incidental origins, and the curious transformations they had undergone clearly developed. A long list was also given of grotesque and unaccountable appellatives, of the origin of which no reasonable conjecture seems to be now possible.

The nomenclature of places, towns, cities, castles, estates, etc., was fully investigated, and followed up through contractions and the corruptions of time to its sources in the primitive Celtic of the Britons, the Saxon, the Latin terms of the Romans and the Norman French introduced by the conquest. The frequent transfer of these to family names was also illustrated by examples. The changes effected by translation into other languages were considered too, and made plain by numerous instances.

The system of nomenclature of the Greeks and Romans was briefly described, and its analogies with the customs of later times noticed.

It is impossible in this compendium to note even all the leading points of the essay. Of course, we cannot recapitulate here the large number of carefully collected

and arranged illustrations; or follow out the theory and state the conclusions deduced, either upon general or special instances. Our narrow space is inadequate to give a competent view of a thoroughly digested and systematic analysis of such a subject.



REGULAR MEETING, MONDAY, NOV. 18, 1872.

Meeting this evening at 7.30 o'clock. The PRESIDENT in the chair. Records of preceding meeting read.

The SECRETARY announced the following correspondence:—

Bremen, Naturwissenschaft verein, Sept. 7; Brunn, Naturforschende verein, Apr. 2; Cherbourg, Société Nationale des Sciences Naturelles, Juillet; Chicago Academy of Sciences, Oct. 8; Danvers, Peabody Institute, Nov. 7; Sacramento, Agassiz Institute, Nov. 1, 3; Chipman, R. M., Lisbon, Conn., Nov. 8; Foster, J. W., Chicago, Ill., Nov. 11; Levette, Gilbert M., Indianapolis, Nov. 9; Newberry, J. S., New York, Nov. 13; Perry, W. S., Geneva, N. Y., Nov. 14; Pumpelly, Raphael, St. Louis, Mo., Nov. 11; White, C. A., Iowa City, Iowa, Nov. 11; Waters, J. Linton, Chicago, Ill., Nov. 9; Woods, Katie T., Salem, Oct. 24.

The letters from the "Agassiz Institute," the one by Dr. Thomas M. Logan, the President, the other by the Corresponding Secretary, Rev. J. H. C. Bonté, may be especially noticed, as officially announcing the organization of a scientific institution under the above name in Sacramento; and sending "its first greeting to the Essex Institute, Salem, Mass." "In framing our constitution and laws," Rev. Mr. Bonté writes, "we have used yours as our model, and we therefore address you first. Our opportunity for adding material for the study of natural history is, we think, great, and we begin with great hopes of a splendid future."

The LIBRARIAN reported the following additions :—

By Donation.

- FOOTE, C. Files of several County Papers, Aug., Sept., Oct., Nov., 1872.
 KIMBALL, JAMES. Freemason's Monthly Magazine, 1859-68, 10 vols.
 LEE, JOHN C. Commercial Bulletin, Oct. 26, Nov. 2, 1872.
 LOGAN, THOMAS M., of Sacramento, Cal. Report of the California State Board of Health, 1870-71, 1 vol. 8vo.
 PEABODY ACADEMY OF SCIENCE. Fourth Annual Report, 1871. 8vo pamph.
 SIBLEY, J. L., of Cambridge, Mass. Catalogus Universitatis Harvardianæ, 1872. 8vo pamph.
 U. S. PATENT OFFICE. Official Gazette, Oct. 15, 22, 29, 1872.
 WILLIAMS, HENRY L. Miscellaneous pamphlets, 4.

By Exchange.

- CROSSE ET FISCHER, Paris, France. Journal de Conchyl. Tome xii. No. 3, 1872.
 GEOLOGICAL SURVEY OF CANADA. Report of Progress for 1870-71. 8vo pamph.
 INSTITUT HISTORIQUE, of Paris, France. L'Investigateur, Jan.-Juin, 1872.
 L'ACADÉMIE IMPÉRIALE DES SCIENCES DE ST. PETERSBOURG, Bulletin of. Tome xvi, Nos. 1-6. Tome xvii, Nos. 1-3. Memoires. Tome xvii, No. 12, 1871. Tome xviii, Nos. 1-6, 1872.
 LITERARY AND HISTORICAL SOCIETY OF QUEBEC, Transactions of, 1871-72. New Series, Pt. IX. 8vo, 1872.
 NATURFORSCHENDEN VEREIN IN BRÜNN. Verhandlungen, Bd. ix, 1870.
 PHILADELPHIA ACADEMY OF NATURAL SCIENCES, Proceedings of. Pt. II. May-Sept., 1872. 8vo pamph.
 SOCIÉTÉ D'ANTHROPOLOGIE, Paris, France. Bulletin. Tome vi. 11e série, 3e fascicule. Oct., Nov., 1871. 8vo pamph.
 SOCIÉTÉ NATIONALE DES SCIENCES NATURELLES, Cherbourg, France. Memoirs. Tome xvi, 1871-72. 8vo pamph.
 SOCIÉTÉ ROYALE DES ANTIQUAIRES DU NORD KJOBENHAVN. Memoires, Nouv. Ser., 1870-71. 2 pamphlets, 8vo. Tillaeg til Aarboger for Nordisk Old-Kyndighed og Historie, 1870, 1871. 2 pamphlets, 8vo.
 PUBLISHERS. Asher's Catalogue. Essex County Mercury. Gloucester Telegraph. Haverhill Gazette. Historical Magazine. Ipswich Chronicle. Lawrence American. Lynn Reporter. Lynn Transcript. Medical and Surgical Reporter. Nation. Nature. Peabody Press. Salem Observer.

The PRESIDENT called the attention of the Institute to a package of old papers recently presented by Mr. Eben G. Berry of Danvers. Several of the papers were read, and were interesting, showing the spirit of the times in which they were written. The following may be specified :

The commission of Benjamin Berry to be Ensign of the third Foot company in the town of Andover in the 4th Regiment of Militia in the County of Essex, whereof

Rich. Saltonstall, Esq., is Col. ; signed by Wm. Shirley, dated 2 July, 1754.

Bill of sale, Mr. George Daland of Salem to Mr. Benjamin Berry of Andover, for a negro named "Fortune," dated Aug. 30, 1756.

Warrant from Hon. Henry Gardner, Treasurer of Mass., to Benjamin Berry, constable or collector, dated 21 Feb., 1777, to collect the tax of 277£ 7s., assessed upon the town of Andover.

A summons from the selectmen of Andover to Capt. Benjamin Berry, surveyor of highways, dated March 19, 1767, requiring him to see that each person, named in this list, work out the sum annexed to their names in the months of May or June next ensuing, on the roads hereafter mentioned.

Several deeds of land, also military orders, for calling out the militia for inspection and parade.

Some of the papers proved that the "treating to the drinks" on every occasion of purchasing a new saddle or article of dress, etc., was a custom of that period, and a certificate of its performance was given. Thus :—

Andover, Augoust 19, 1750.

This may Certify All Home It may Concern, That Mr. Benjamine Berry Hath Paid Suffitient Beaverige For A New Red Plush Saddle and lite Colard Housen To The Full Satisfaction of The Subscribers Hereof.

Henry Abbot.

Henry Abbot, Jr.

Andover, March the 19 day, 1756.

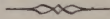
This may Certify All Home it may Concern that Benjamin Berry junr Hath Paid suffitient Beaverige for A new blew sarge Coot with blew morehare buttens with

A red lining to the full satisfaction of the subscribers hereof.

Benja. Berry.

Mary Robinson.

Mr. F. W. PUTNAM exhibited a photograph of a human skeleton found in a cave in France. This photograph, which had been sent to the Peabody Academy of Science by Mr. S. H. Scudder, formerly of the Boston Society of Natural History, now residing in Mentone, France, showed the skeleton, as found in the cave. Mr. Putnam, taking the photograph for his text, spoke of the great antiquity of man, as proved by the finding of human bones and the works of man in various caves in Europe, and in the river drift of various places.



THE ADJOURNMENT OF THE QUARTERLY MEETING from Wednesday the 13th inst., was then held.

Daniel B. Hagar was unanimously elected Vice President of the Department of the Fine Arts, to fill the vacancy caused by the resignation of George Peabody.

Arthur S. Rogers of Salem, Solomon Varney of Salem and John Todd Moulton of Lynn, were elected resident members.

Voted, That the regular meetings in December be held on the 2d and 4th Monday evenings in lieu of the 1st and 3rd.